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Fig. 1
PRIOR ART

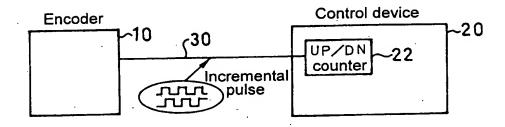


Fig. 2 PRIOR ART

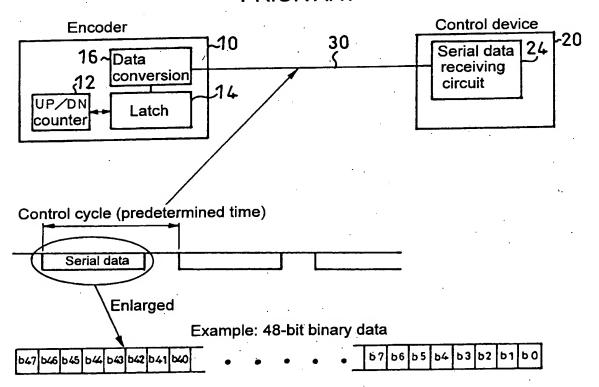


Fig. 3 PRIOR ART

Example: Deviation data (8-bit binaries)

b7 b6 b5 b4 b3 b2 b1 b0

Example: Positional data (48-bit binaries)



Fig. 4 PRIOR ART

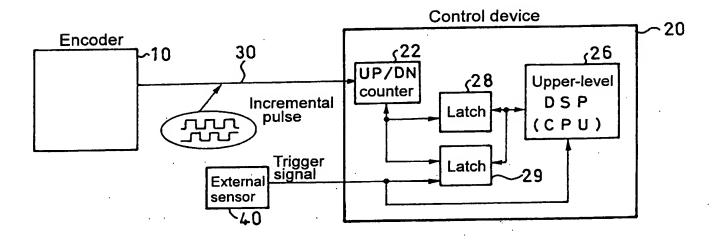


Fig. 5

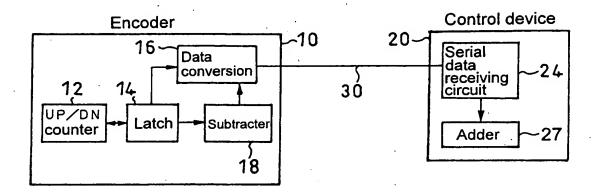
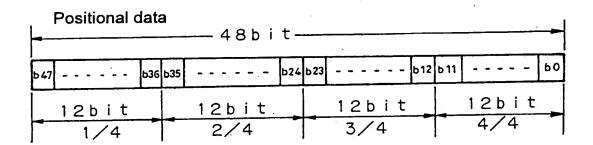


Fig. 6



Title: "DATA TRANSMITTING/RECEIVING METHOD AND DEVICE FOR ENCODER"
First Named Inventor: Mikiya Teraguchi
Customer No. 40854; Docket No. MAT-15482
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Fig. 7

Positional data: 48 bit Deviation data: 18 bit

#### Divided positional data

#### **Deviation data**

b31         b30         b29          b20         b19         b18         b17          b1         b0           P11         P10         P9          P0         ST         xx         I17          I1         IO				_	<u> </u>					 	$\overline{}$
[ 12 10	(h	31	b30	b29		b20 <sup>°</sup>	ь19	ь18	ъ17	 ь1	ьо
						PO	ST	хх	I17	 I 1	10

Pn: (n+12\*m)th bit of positon

In: nth bit of deviation

xx: Preliminary

ST: First flag of division of position

(1 ... first, 0 ... subsequent)

Fig. 8

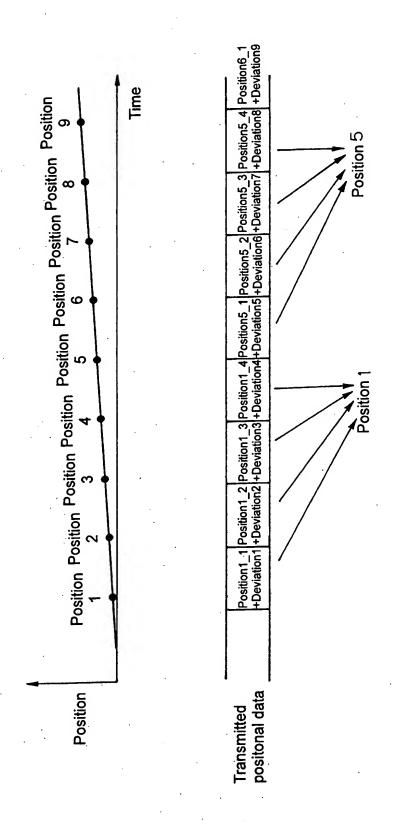


Fig. 9

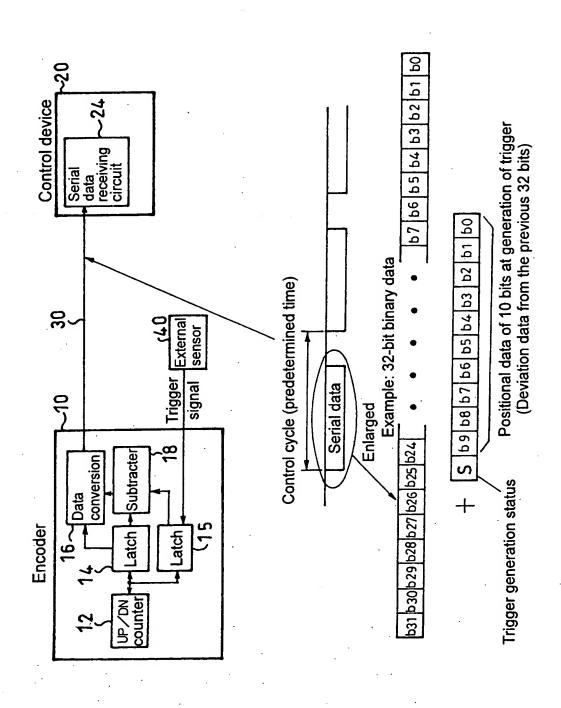


Fig. 10

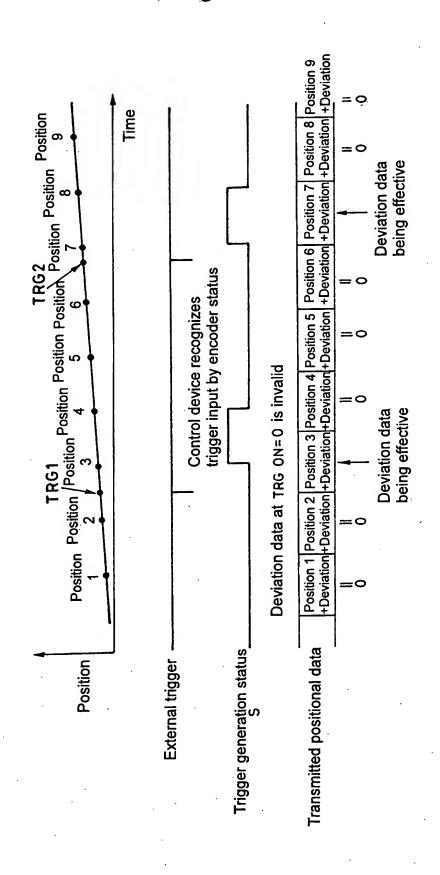


Fig. 11

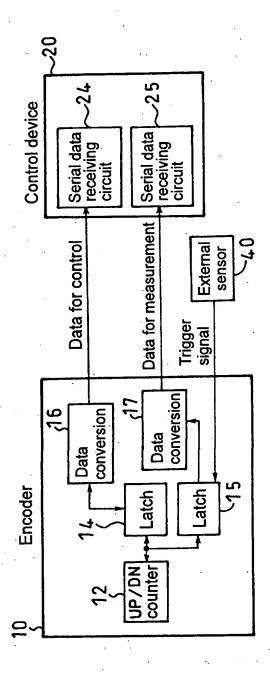


Fig. 12

